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Examiner: SHAW, PELING ANDY

UNITED STATES PATENT AND TRADEMARK OFFICE

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Pages: Cover + 1 + 1 + 1 + 19 = 23

Date: August 10, 2006

From: Georgann S. Grunebach

Fax: (310) 964-0941

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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

August 10, 2006
(Date of Signature)

Re: Serial No. 09/940,141
Filing Date: August 23, 2001

Attorney Docket No. PD-201118

Please find attached:

- TRANSMITTAL FORM PTO/SB/21 (1 page)
- FEE TRANSMITTAL FORM PTO/SB/17 (1 page in duplicate)
- APPEAL BRIEF (19 pages)

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PTO/SB/21 (07-06)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

22

Application Number

09/940,141

Filing Date

August 23, 2001

First Named Inventor

Douglas A. Chellne

Art Unit

2144

Examiner Name

SHAW, Pelling Andy

Attorney Docket Number

PD-201118

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional ApplicationPower of Attorney, Revocation
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CD, Number of CD(s) _____

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After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

The DirecTV Group, Inc.

Signature

Printed name

Georgann S. Grunebach

Date

August 10, 2006

Reg. No.

33,179

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Georgann S. Grunebach, Reg. No. 33,179

Date

August 10, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AUG 10 2006

PTO/SB/17 (07-08)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005**Complete if Known**

Application Number	09/940,141
Filing Date	August 23, 2001
First Named Inventor	Douglas A. Chelina
Examiner Name	SHAW, Peling Andy
Art Unit	2144
Attorney Docket No.	PD-201118

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 500

METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 50-0383 Deposit Account Name: The DIRECTV Group, Inc.
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	80

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
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- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Fee for filing a brief in support of an appeal

Fees Paid (\$)

\$500

SUBMITTED BY

Signature

Registration No. 33,178
(Attorney/Agent)

Telephone 310-964-4615

Name (Print/Type) Georgann S. Grunbach

Date August 10, 2006

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date: August 10, 2006


Georgann S. Gruncbach, Reg. No. 33,179PATENT
CUSTOMER NO. 020991IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/940,141
Applicants: Cheline et al.
Filed: August 23, 2001
For: Single-Modem Multi-User Virtual Private Network
TC/A.U.: 2144
Examiner: Peling Andy Shaw
Attorney Docket No.: PD-201118

APPEAL BRIEF

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Pursuant to 37 C.F.R. §1.192, the applicants hereby respectfully submit the following Brief in support of their appeal.

(1) Real Party in Interest

The DirecTV Group, Inc., a Delaware corporation, is the Real Party in Interest.

(2) Related Appeals and Interferences

There are no known related appeals or interferences that will directly affect or be directly affected by or have a bearing on the Board's decision in the present appeal.

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(3) Status of Claims

Claims 1-9, 11-20, and 22-23 are pending. All of the claims are under final rejection.

(4) Status of Amendments

An amendment was filed on May 9, 2006 (subsequent to the final rejection). This amendment was entered by the Examiner.

(5) Summary of Claimed Subject Matter

Virtual Private Networks (VPNs) are private data networks that make use of tunnels to maintain privacy when communicating over a public telecommunication infrastructure such as the Internet. VPNs give server operators, such as corporations, the same capabilities and security that they would have if they used a private or switched network to conduct communications.

Modems are used to communicate between different entities in networks. For instance, a computer might use a modem to establish a connection with the Internet. Unfortunately, in previous systems, multiple clients to the same client-side modem were not allowed to establish multiple VPN communication tunnels using the single modem. For instance, a husband and wife may have both wanted to telecommute with their offices from home using secure connections. However, previous approaches required both the husband and wife to purchase separate modems and utilize separate telephone lines. The additional modems were expensive to purchase and the added telephone lines increased inefficiencies in the overall system.

The Applicants overcome the shortcomings of these previous approaches by providing approaches whereby a client computer is coupled to a single modem within the client-side system. A request to establish a VPN session with a server-side system is received from a client computer and the request contains login details associated with a user at the computer. A network address of the client computer is determined and the user is authenticated based on the login details. A VPN tunnel is established between the client computer and the server-side system over the modem.

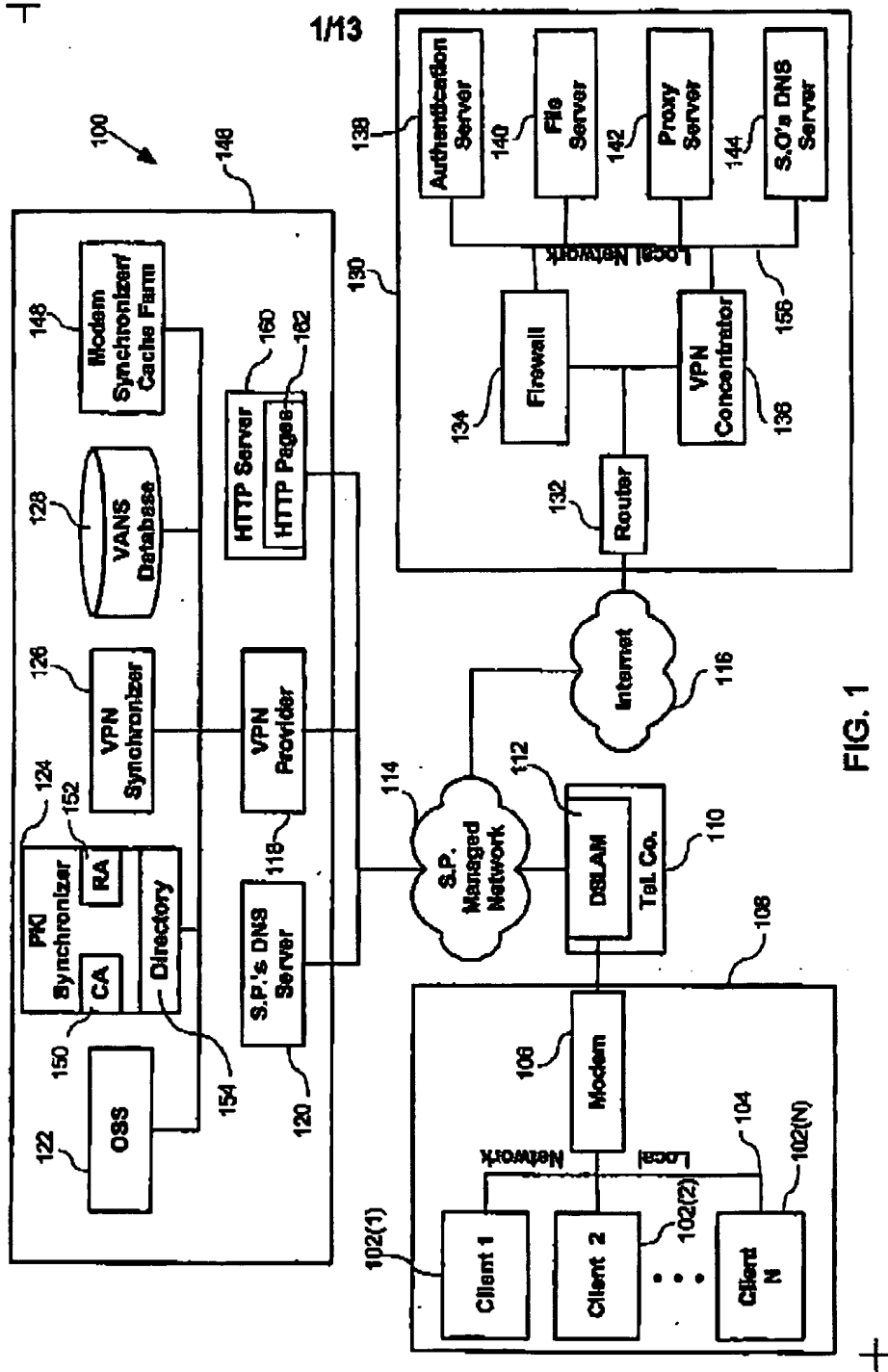
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Thereafter, a new request is received to establish a new VPN session with a different server-side system from a different client computer that is connected to the same modem in the client-side system. The request contains new login details associated with the different computer. A new network address of the different computer is determined and the new user is authenticated based upon these new login details. Using this approach, separate tunnels are constructed over the same modem. Consequently, the need for extra hardware (i.e., modems) is eliminated and system efficiency is enhanced.

As shown in FIG. 1 of the application, reproduced below for the convenience of the reader, a system 100 comprises a client-side system 108, a service provider system 146, and a server side system 130. The client side system includes multiple clients 102. Separate tunnels are established between different ones of these clients and the server side system. For instance, a tunnel may be established between the client 102(1) and the server side system 130. At the same time, a different tunnel may be established between the client 102(2) and the server side system 130. The tunnels are constructed over the same modem 106 of the client-side system 108.

To take one example using the system of FIG. 1, a husband can operate and conduct communications from a computer 102(1) and his wife can operate and conduct communications from a different computer 102(2). Using the Applicants' approaches, a tunnel may be established between the client 102(1) (i.e., the husband) and the server side system 130. Thereafter, a different tunnel may be established between the client 102(2) (i.e., the wife) and the server side system 130. Both tunnels are constructed using the same modem 106 within the client-side system 108.

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(6) Grounds of Rejection to be Reviewed on Appeal

(A) Whether Claims 1-5, 8-9, 11-16, 19-20 and 22-23 are anticipated under 35 U.S.C. §102 by U.S. Published Application 2002/0178361 to Gentry ("the Gentry application")?

(B) Whether claims 6 and 17 are unpatentable under 35 U.S.C. §103 over Gentry?

(C) Whether claims 7 and 18 are unpatentable under 35 U.S.C. §103 over Gentry in view of U.S. Published Application 2002/0169988 to Vandergeest?

(7) Argument

(A) Claims 1-5, 8-9, 11-16, 19-20 and 22-23 are Not Anticipated by Gentry

Claim 1 is an independent method claim and recites:

1. A computer implemented method for establishing a Virtual Private Network (VPN) communication tunnel between a client computer and a server-side system, comprising:

- receiving a request to establish a VPN session with a server-side system from at least one client computer out of a plurality of client computers coupled to a modem within a client-side system, where said request contains login details for a user of said at least one client computer;
- determining a network address of said at least one client computer;
- authenticating said user based on said user login details;
- establishing a VPN tunnel between said at least one client computer having said network address and said server-side system, where said VPN tunnel is established over said modem;
- receiving a new request to establish a new VPN session with a different server-side system from a different client computer out of said plurality of client computers coupled to said modem within said client-side system, where said request contains new login details for a new user of said different client computer;
- determining a new network address of said different client computer;
- authenticating said new user based on said new user login details; and
- establishing a new VPN tunnel between said different client computer having said new network address and

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said new server-side system, where said VPN tunnel is established over said modem.

In other words, the Applicants claim establishing two tunnels between two different client computers and two different server side systems. Each of the different tunnels is also established with different login details.

Without issuing a specific rejection, the Examiner hinted that the above recitations are not supported in the Specification. Specifically, the Examiner stated in the Advisory Action that "[t]here is no specific saying [in the specification] that the connection would happen at the same time over the same modem. There is no specific saying if additional consideration is required in applying the method for more than one computer." The Applicants respectfully disagree with these assertions.

Specifically, at page 3, lines 26-29 the Applicants state that current systems "do not allow multiple clients coupled to the same client side modem to establish multiple communication tunnels over the same modem." At page 6, lines 27-29, the Applicants state that "a VPN system is established that allows multiple clients coupled to the same client side modem to establish multiple VPN communication tunnels over the same modem." In addition, FIGs. 4a-c, "are flow charts of a method 400 for establishing multiple VPN tunnels over a single modem." Specification, page 21, lines 21-22. These flow charts show the establishment of a tunnel. Given the above-mentioned language, the approaches of FIGs. 4a-c can be repeatedly used to establish further tunnels. Consequently, the Applicants assert that the claim language recited in claim 1 is fully supported by the Specification.

In his rejections, the Examiner asserted that FIGs. 1 and 2 of Gentry included all elements of claim 1. Additionally, with respect to FIG. 1 of Gentry, the Examiner stated that "FIG. 1 shows that multiple connections are together, i.e., at the same location, it is clear that VPNs are for multiple computers at the same time and same location. As Gentry teaches sharing the Internet, it is clear that using the same WAN is intended... In summary Gentry does show sharing the Internet... in providing VPN connections for multiple computers and eliminating traditional leased lines over WAN; the WAN is over ISDN, i.e., a modem." The Applicants respectfully disagree with these rejections and statements and assert that claim 1 is allowable over Gentry.

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Specifically, FIG. 1 of Gentry (reproduced below for the convenience of the reader) shows a single computer system 100 communicating with multiple VPNs 120, 140 and 160. Gentry shows that the computer system 100 can communicate with the multiple VPNs by establishing multiple tunnels, one corresponding to each VPN (see Gentry paragraph 39).

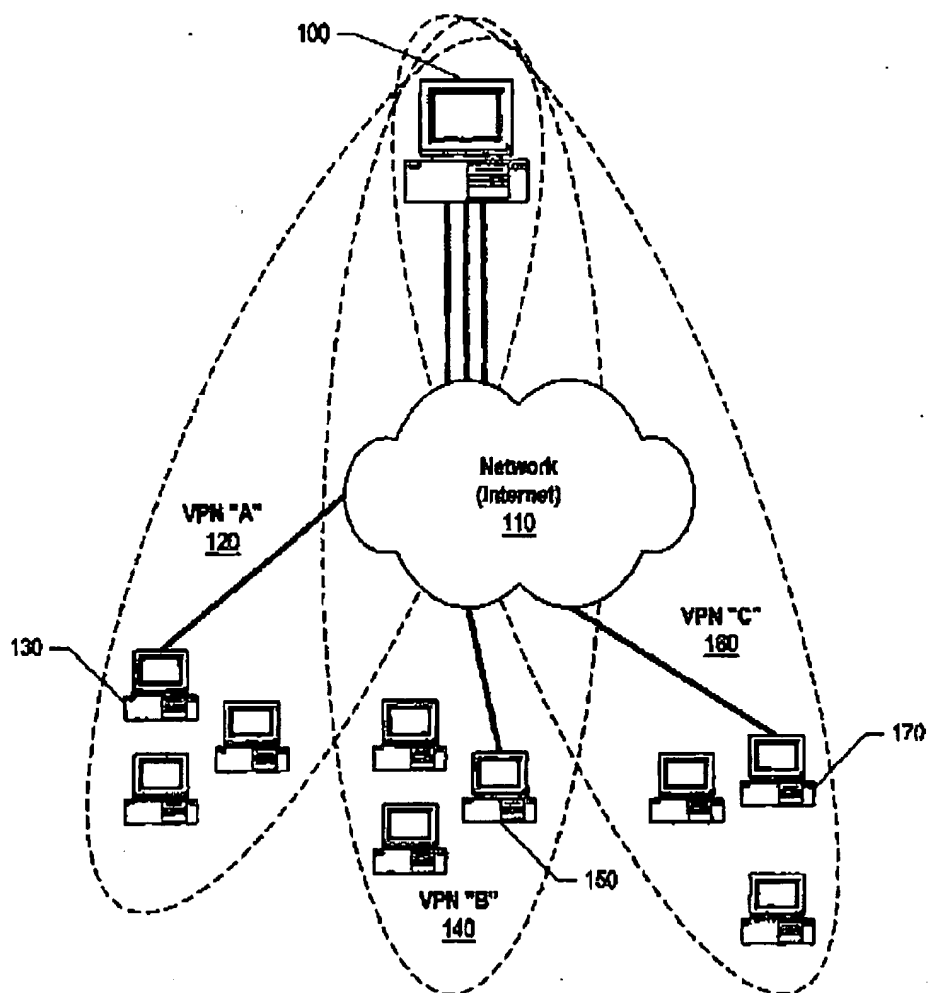
Each VPN 120, 140, and 160 is shown as including multiple computers. However, only one connection is shown from each of the VPNs 120, 140, and 160. Gentry is silent as to establishing *two separate* connections from *two separate* computers from the *same* client side system (e.g., VPN) as recited in claim 1. In fact, as shown in FIG. 1 of Gentry, the connection to each VPN 120, 140, or 160 is a connection to a *single* computer 130, 150, or 170 within each VPN.

Additionally, the connections from the VPNs 120, 140, and 160 are to the same computer system 100, not to *different* server side systems, as recited in claim 1.

Moreover, there is no teaching in Gentry that any of the multiple connections would use the same modem. In fact, since each tunnel is from a separate VPN and each VPN must communicate with the Internet 110, separate modems must be used to forward the communications to the Internet 110. This is exactly the opposite of the approach recited in claim 1, where a single modem carrying multiple connections is recited.

Furthermore, although three connections are shown originating from the Internet 110, there is no indication these are made from the same modem. In any case, the modem recited in claim 1 is positioned within a client-side system (i.e., VPNs 120, 140, or 160), not within an intermediate network (i.e., the Internet 110).

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**Figure 1**

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The system illustrated in FIG. 2 of Gentry also does not contain various elements recited in claim 1. Specifically, FIG. 2 of Gentry (reproduced below for the convenience of the reader) shows a single computer 200 communicating with multiple computers 230, 240, 250, and 260. As shown in FIG. 2, single tunnels 235, 245, 255, and 265 connect one computer 200 to computers 230, 240, 250, and 260. All the computers shown in FIG. 2 are located at the same site (i.e., within the same VPN). In other words, there is no indication that different client side computers are coupled to different server side system computers using different tunnels as recited in claim 1.

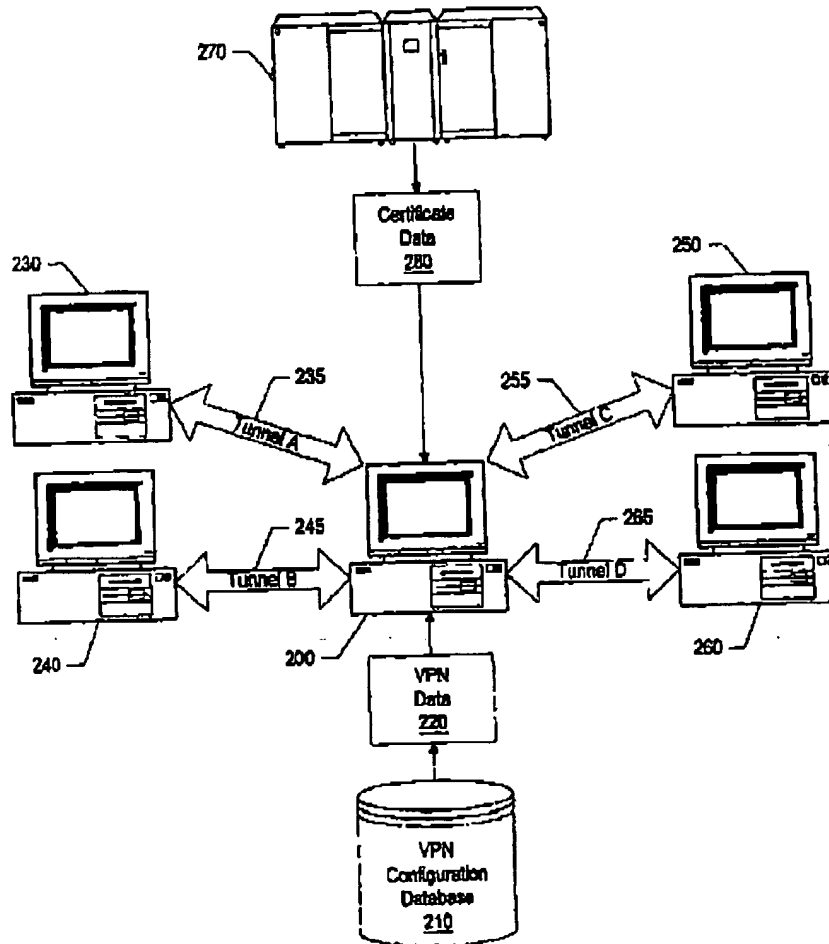


Figure 2

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In both of these examples (shown in FIGs. 1 and 2 of Gentry), there is no teaching or suggestion in Gentry of different client computers communicating with different server side computers using the same modem. Consequently, the Applicants assert that claim 1 includes elements not taught or suggested by Gentry and that claim 1 is allowable over Gentry.

Claims 13 and 22 have recitations similar to claim 1 and the Applicants assert that claims 13 and 22 are allowable for the same reasons as given above with respect to claim 1. Claims 2-4, 8-9, 11-12, 14-16, 19-20, and 23 ultimately depend upon claims 1, 13, or 22 which have been shown to be allowable above, and therefore, these claims are also allowable. In addition, they introduce additional content that, particularly when considered in context with the claims from which they depend, introduce additional incremental patentable subject matter. Accordingly, the Applicants reserve the right to present further arguments in the future with regard to these dependent claims if independent claims 1, 13, or 22 are found to be unpatentable. In view of the foregoing, the Applicants assert that claims 1-5, 8-9, 11-16, 19-20 and 22-23 are allowable.

(B) Claims 6 and 17 are Allowable over Gentry

Claims 6 and 17 ultimately depend upon claims 1 and 13, which have been shown to be allowable above, and therefore, these claims are also allowable. In addition, they introduce additional content that, particularly when considered in context with the claims from which they depend, introduce additional incremental patentable subject matter. Accordingly, the Applicants reserve the right to present further arguments in the future with regard to these dependent claims if independent claims 1 and 13 are found to be unpatentable. In view of the foregoing, the Applicants assert that claims 6 and 17 are allowable.

(C) Claims 7 and 18 are Allowable over Gentry in view of Vandergeest

Claims 7 and 18 ultimately depend upon claims 1 and 13, which have been shown to be allowable above, and therefore, these claims are also allowable. In addition, they introduce additional content that, particularly when considered in context with the claims from which they depend, introduce additional incremental patentable subject matter. Accordingly, the Applicants reserve the right to present further arguments in the future with

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regard to these dependent claims if independent claims 1 and 13 are found to be unpatentable.
In view of the foregoing, the Applicants assert that claims 7 and 18 are allowable.

Conclusion

In view of the foregoing, it is submitted that the application is in condition for allowance which is respectfully requested. The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 50-0383.

Respectfully submitted,

By: 

Georgann S. Grunebach
Registration No. 33,179

Date: August 10, 2006

Address all correspondence to:
The DirecTV Group, Inc.
CA/LA1/A109
2230 E. Imperial Highway
P.O. Box 956
El Segundo, CA 90245

Telephone: (310) 964-4615

Serial No. 09/940,141

(8) Claims Appendix

Claim 1 (Previously presented): A computer implemented method for establishing a Virtual Private Network (VPN) communication tunnel between a client computer and a server-side system, comprising:

receiving a request to establish a VPN session with a server-side system from at least one client computer out of a plurality of client computers coupled to a modem within a client-side system, where said request contains login details for a user of said at least one client computer;

determining a network address of said at least one client computer;

authenticating said user based on said user login details;

establishing a VPN tunnel between said at least one client computer having said network address and said server-side system, where said VPN tunnel is established over said modem;

receiving a new request to establish a new VPN session with a different server-side system from a different client computer out of said plurality of client computers coupled to said modem within said client-side system, where said request contains new login details for a new user of said different client computer;

determining a new network address of said different client computer;

authenticating said new user based on said new user login details; and

establishing a new VPN tunnel between said different client computer having said new network address and said new server-side system, where said VPN tunnel is established over said modem.

Claim 2 (Original): The computer implemented method of claim 1, wherein said receiving further comprises obtaining security details from said client.

Claim 3 (Original): The computer implemented method of claim 1, wherein said determining further comprises reading a connection log to extract the network address of said at least one client computer.

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Claim 4 (Original): The computer implemented method of claim 1, further comprising the step, after said determining step, of storing said network address.

Claim 5 (Original): The computer implemented method of claim 1, wherein said authenticating further comprises the steps of:

transmitting said login details to an authentication server for authentication;
and
accepting an authentication response from said server.

Claim 6 (Original): The computer implemented method of claim 5, wherein said transmitting further comprises sending said login details to a Radius server.

Claim 7 (Original): The computer implemented method of claim 1, wherein said authenticating step further comprises the steps of:

transmitting said login details to an authentication server for authentication;
accepting a challenge from said server; and
re-transmitting said login details to said authentication server for authentication.

Claim 8 (Original): The computer implemented method of claim 1, wherein said determining further comprises ascertaining an Internet Protocol (IP) address of said client.

Claim 9 (Original): The computer implemented method of claim 1, wherein said determining further comprises ascertaining a Media Access Control (MAC) address of said client.

Claim 10 (Canceled)

Claim 11 (Previously presented): A computer implemented method for establishing a Virtual Private Network (VPN) communication tunnel between a client computer and a server-side system, comprising:

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receiving a request to establish a VPN session with a server-side system from at least one client computer out of a plurality of client computers coupled to a modem within a client-side system, where said request contains login details for a user of said at least one client computer;

determining a network address of said at least one client computer;

authenticating said user based on said user login details;

establishing a VPN tunnel between said at least one client computer having said network address and said server-side system, where said VPN tunnel is established over said modem;

receiving a new request to establish a new VPN session with said server-side system from a different client computer out of said plurality of client computers coupled to said modem within said client-side system, where said request contains new login details for a new user of said different client computer;

determining a new network address of said different client computer,

authenticating said new user based on said new user login details; and

establishing a new VPN tunnel between said different client computer having said new network address and said server-side system, where said VPN tunnel is established over said modem.

Claim 12 (Original): The computer implemented method of claim 1, further comprising severing the VPN tunnel after a predetermined time of inactivity.

Claim 13 (Previously presented): A computer program product for use in conjunction with a computer system for establishing a Virtual Private Network (VPN) communication tunnel between a client computer and a server-side system, the computer program product comprising a computer readable storage and a computer program embedded therein, the computer program comprising:

instructions for receiving a request to establish a VPN session with a server side system from at least one client computer out of a plurality of client computers coupled to a modem within a client-side system, where said request contains login details for a user of said at least one client computer;

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instructions for determining a network address of said at least one client computer;

instructions for authenticating said user based on said user login details;

instructions for establishing a VPN tunnel between said at least one client computer having said network address and said server-side system, where said VPN tunnel is established over said modem;

instructions for receiving a new request to establish a new VPN session with a different server-side system from a different client computer out of said plurality of client computers coupled to said modem within said client side system, where said request contains new login details for a new user of said different client computer;

instructions for determining a new network address of said different client computer;

instructions for authenticating said new user based on said new user login details;
and

instructions for establishing a new VPN tunnel between said different client computer having said new network address and said new server side system, where said VPN tunnel is established over said modem.

Claim 14 (Original): The computer program product of claim 13, wherein said instructions for determining further comprise instructions for reading a connection log to extract the network address of said at least one client computer.

Claim 15 (Original): The computer program product of claim 13, wherein said computer program further comprises instructions for storing said network address.

Claim 16 (Original): The computer program product of claim 13, wherein said instructions for authenticating further comprise:

instructions for transmitting said login details to an authentication server for authentication; and

instructions for accepting an authentication response from said server.

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Claim 17 (Original): The computer program product of claim 13, wherein said instructions for transmitting further comprise instructions for sending said login details to a Radius server.

Claim 18 (Original): The computer program product of claim 13, wherein said instructions for authenticating further comprise:

instructions for transmitting said login details to an authentication server for authentication;

instructions for accepting a challenge from said server; and

instructions for re-transmitting said login details to said authentication server for authentication.

Claim 19 (Original): The computer program product of claim 13, wherein said instructions for determining further comprise instructions for ascertaining an Internet Protocol (IP) address of said client.

Claim 20 (Original): The computer program product of claim 13, wherein said instructions for determining further comprise instructions for ascertaining a Media Access Control (MAC) address of said client.

Claim 21 (Canceled)

Claim 22 (Previously presented): A computer program product for use in conjunction with a computer system for establishing a Virtual Private Network (VPN) communication tunnel between a client computer and a server-side system, the computer program product comprising a computer readable storage and a computer program embedded therein, the computer program comprising:

instructions for receiving a request to establish a VPN session with a server side system from at least one client computer out of a plurality of client computers coupled to a modem within a client-side system, where said request contains login details for a user of said at least one client computer;

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instructions for determining a network address of said at least one client computer;

instructions for authenticating said user based on said user login details;
instructions for establishing a VPN tunnel between said at least one client computer having said network address and said server-side system, where said VPN tunnel is established over said modem;

instructions for receiving a new request to establish a new VPN session with said server-side system from a different client computer out of said plurality of client computers coupled to said modem within said client-side system, where said request contains new login details for a new user of said different client computer;

instructions for determining a new network address of said different client computer;

instructions for authenticating said new user based on said new user login details;
and

instructions for establishing a new VPN tunnel between said different client computer having said network address and said new server-side system, where said VPN tunnel is established over said modem.

Claim 23 (Original): The computer program product of claim 13, wherein said computer program further comprises instructions for severing the VPN tunnel after a predetermined time of inactivity.

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(9) Evidence Appendix

Not Applicable.

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(10) Related Proceedings Appendix

Not applicable.